# Observationes ad Plantas Asiæ Orientalis (XX).*

Hiroshi HARA.

原 寛: 東亜植物考 (其二十)

124) **Conioselinum nipponicum** HARA, sp. nov.

*C. univittatum* (non TURCZ.) sensu MAXIMOWICZ in Mél. Biol. IX, 251 in adnota (1873) pro parte—YABE, Rev. Umbel. Jap. in Journ. Coll. Sc. Imp. Univ. Tokyo XVI, Art. 4, 72, pl. II, fig. 42 (1902)—MATSUMURA, Ind. Pl. Jap. II–2, 433 (1912) excl. pl. Simsiu—HARA in Bot. Mag. Tokyo L, 369 (1935).

Rhizoma crassum. Caulis erectus 40–80 cm altus striatus glaber. Folia glabra; petiolus foliorum inferiorum mediorumque longus basi vaginato-dilatatus, foliorum superiorum inflato-vaginatus; lamina ambitu triangularis 3-ternato-pinnatifida tenuis; lobis primariis longe petiolulatis terminalibus ambitu triangularibus lateralibus ambitu ovato-triangularibus apice longe acuminato-attenuatis ternatis, lobis secundariis terminalibus petiolulatis lateralibus breviter petiolulatis pinnatis, pinnulis inferioribus sessilibus superioribus basi ad rachem cuneatim decurrentibus omnibus oblongis vel anguste ovatis apice longe attenuatis pinnatifidis, lobis pinnatifidis vel laciniato-serratis, laciniis ultimis oblongis acuminatis. Bracteae involucrales nullae vel paucae lineari-lanceolatae margine albo-scariosae ad

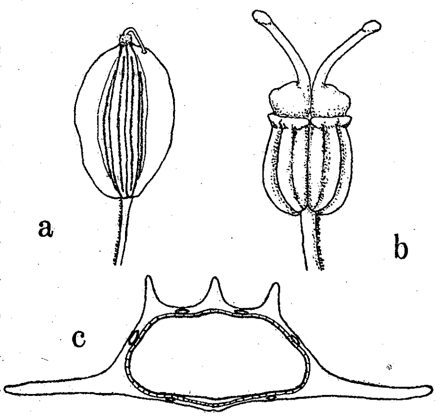



Fig. 52. みやませんきう
a. 果實 (×4). b. 雌蕋 (×12).
c. 分果ノ横斷面 (×15).

* Contribution from the Laboratory of Systematic Botany (Prof. T. NAKAI) of the Botanical Institute, Faculty of Science, Tokyo Imperial University.
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2 cm longae. Radii 13–25 intus minute papillosi usque ad 4.5 cm longi in fructu ad 7 cm longi. Bracteae involucellatae ca. 10 subulato-lineares margine anguste scariosae saepe floris superantes ad 1.5 cm longae. Umbellulae multiflorae. Pedicelli graciles intus scabri usque ad 1 cm longi. Ovaria ovoidea glabra sub anthesin 0.6–1 mm longa. Calycis dentes obsoleti vel minuti breviter triangulares. Petala alba obcordata intus medio costata apice inflexa longe acuminata basi breviter unguiculata 1.5–2 mm longa ac lata. Filamenta subulata alba ca. 2.5 mm longa apice primo inflexa; antherae primo 0.5 mm longae olivaceo-brunneae demum atrobrunneae. Stylopodium evolutum globoso-conicum 0.4–0.5 mm altum. Styli ad 1–1.5 mm longi albi, stigmate minuto capitato. Fructus elliptici interdum inaequales a dorso compressi glabri 3.5–5 mm longi 2.5–3.5 mm lati; juga lateralia late alata 0.6–1 mm lata jugis dorsalibus 3–4 plo latiora, juga dorsalia anguste alata; vittae valleculae solitariae, commisurae utrinque 1 raro 2.

Nom. Jap. *Miyama-senkyû.*

Hab. Kuriles. Ins. Etorohu: Syamanbe (K. KONDO, Jul. 14–5, 1927).

Hokkaido. Prov. Kitami: mt. Syari-dake (H. HARA, Aug. 10, 1931). Prov. Isikari; mt. Daisetu (T. NAKAI, Aug. 1928; H. HARA, Aug. 17, 1931); Sôunkyô (T. NAKAI, Aug. 1928; H. HARA, Aug. 16, 1931); secus fl. Toyohira, Sapporo (MATSUMURA, Aug. 9, 1899; T. NAKANO, Aug. 1892); mt. Yûbari (G. KOIDZUMI, Aug. 1916). Prov. Hidaka: Samani-sandô (TOKUBUCHI, Aug. 22, 1892); mt. Apoi (T. NAKAI, Aug. 1928; H. HARA, Aug. 11 & 28, 1933).

Honsyu. Prov. Mutu: mt. Iwaki (S. TAMAKI, Aug. 4, 1914; S. SAITO, Sept. 5, 1927). Prov. Rikutyu: Kuzakai (G. TOBA, no. 639, Jun. 20, 1931—typus); mt. Hayatine (S. SAITO, Aug. 24, 1923); mt. Sukawa (S. SAITO, Aug. 31, 1927). Prov. Iwaki: mt. Asahi-dake (T. SAITO, Aug. 26, 1936); mt. Azumasan (G. NAKAHARA, Aug. 30, 1904); Ose-numa (G. NAKAHARA, Aug. 20, 1904). Prov. Simotuke: mt. Sirane (leg. ?, Sept. 30, 1879); Konsei-tôge, Nikkô (MATSUMURA, Oct. 3, 1895); Sirasugahara, Nikkô (H. ITÔ, 1931); Tadenoumi, Nikkô (MATSUMURA, Oct. 4, 1895). Prov. Kai: Daibosatu-tôge (T. KOSAKA, Sept. 4, 1936). Prov. Sinano: mt. Asama (T. ODAI, Aug. 1940); mt. Ontake (J. NIKAI, no. 2192, Aug. 13, 1911), inter Norikura et Kaminotanbo (K. HISAUTI, no. 1790, Aug. 22, 1936). Prov. Ettyu: mt. Tateyama

(leg. ?, Aug. 1916).

Dist. S. Kuriles, Hokkaido et Honsyu.

This plant is characterized in having thin leaves with long-acuminate pinnules, well-developed stylopodium, broad lateral wings of fruits and solitary vallecular vitta.

125) **Primula Kawasimae** HARA, sp. nov. (Sect. Farinosae).

*P. borealis* (non DUBY) sensu MIYABE et TATEWAKI in Trans. Sapporo Nat. Hist. Soc. XIV, 78 (1935)—SUGAWARA, Ill. Fl. Saghal. IV, 1520 & 1521 (1940).

Folia efarinosa; radicalia exteriora anguste obovata vel oblonga margine minute serrata basi ad petiolem ca. 2 mm latum transientia 8–12 mm longa 2–4.5 mm lata; interiora angustiora oblonga vel lineari-oblonga obtusa vel acutiuscula margine eroso-denticulata interdum pauce laciniato-dentata basi ad petiolem angustiorem sensim cuneato-attenuata cum petiolo 1.5–3 cm longa 2.5–6 mm lata. Scapus gracilis 3–10 cm longus efarinosus 1–3-floris. Bracteae subulato-lanceolatae pedicello multo breviores 2–5 mm longae, basi dilatatae 0.5–1.3 mm latae vulgo haud saccatae fere efarinosae. Pedicelli graciles 6–9 mm longi glabri. Calyces turbinato-campanulati 3–5 mm longi 2.5–3 mm crassi saepe fusco-purpurascentes fere efarinosi basi haud saccati ad medium 5-fidi in fructu 4.5–6 mm longi; lobi lanceolati vel oblongo-lanceolati breviter acuti 2–2.8 mm longi ca. 1 mm lati. Corollae lilacinae, oculo luteo, ad 1.5 cm in diametro; tubus calyce longior 6–7 mm longus; lobi obcordati apice ad 1/3 bifida basi cuneato-angustati 4–5 mm lati. Stigma floris feminei vel apices antherae floris masculi fauce corollae paullo exserta. Capsulae cylindricae calyce aequilongae vel paullo exsertae 4–5.5 mm longae.

Nom. Jap. *Kawasima-kozakura* (MIYABE et TATEWAKI, 1935).

Hab. Sachalin. Distr. Sikka: in monte Kawasima-yama, Tirie-gun (TATEWAKI & TAKAHASI, no. 22724, Jun. 21, 1936—typus in Hb. Tokyo et Hb. Hokkaido Imp. Univ.; no. 22779, Jun. 23, 1936); ibid. (S. SUGAWARA Aug. 3, 1935 in Hb. Hokk. Imp. Univ.); Tirikoro (M. KAWASIMA, Jun. 16, 1935 in Hb. Hokk. Imp. Univ.); Hunadomari (M. KAWASIMA, Jul. 16, 1935 in Hb. Hokk. Imp. Univ.).

f. **albiflora** (TATEW.) HARA, f. nov.

*P. borealis* f. *albiflora* TATEWAKI, in sched. Hb. Hokk. Imp. Univ.

Corollae albae.

Nom. Jap. *Sirobana-kawasima-kozakura* (nom. nov.).

Hab. Sachalin. Distr. Sikka: in monte Kawasima-yama (TATEWAKI & TAKAHASHI, no. 22780, Jun. 23, 1936—typus in Hb. Hokk. Imp. Univ.).

This plant differs from *P. borealis* DUBY by having narrower and distinctly serrate leaves which are gradually attenuate to the petiole, and bracts and calyces less saccate at the base.

*P. mistassinica* MICHAUX of N. America is very near to this species, but has less conspicuously serrate leaves, and long-exserted capsules.

126) **Apocynum Basikurumon** HARA. sp. nov. (Sect. Veneti).

*A. venetum* (non L.) sensu MAKINO in Bot. Mag. Tokyo XX, 90 (1906)—MATSUMURA, Ind. Pl. Jap. II–2, 506 (1912)—MIYABE et KUDO in Trans. Sapporo Nat. Hist. Soc. IX–1, 67 (1924).

*A. venetum* L. var. *Basikurumon* HARA, mss.

Rhizoma crassum. Caulis 25–80 cm altus erectus rubescens glaber ramosus, ramis divaricato-ascendentibus vulgo alternatis. Folia caulis primarii vulgo subalternata, ramorum subopposita, petiolis 1–4 mm longis, oblonga vel anguste oblonga apice rotundata vel obtusa mucronulata basi late cuneata vel subrotundata margine denticulato-scabra 2–5 cm longa 7–15 mm lata glabra. Inflorescentia terminalis paniculata. Bracteae lineari-lanceolatae caducae. Pedicelli ad apicem parce minute pilosi. Calycis tubi minute pilosi; lobi ovato-oblongi breviter acuti 1.8–2 mm longi ca. 0.7 mm lati extus minutissime pilosi margine parce ciliolati. Corollae purpureo-rubrae 6–7.5 mm longae extus minutissime papillosae; tubus anguste campanulatus apice ca. 2.5 mm in diametro intus basi appendicibus 5 triangulatis acuminatis praeditus; lobi elliptici apice rotundati 3–3.4 mm longi. Stamina tubo corollae breviora ca. 3 mm longa; filamenta ca. 1.3 mm longa intus parcissime pilosa; antherae basi sagittatae, auriculis paullo conniventibus; connectiva apice acutissima. Discus perigynus 5-lobatus. Ovaria fere glabra; stigma fusiforme.

Nom. Jap. *Basikurumon* (nom. vernac. Ainu), Osyoro-sô (MIYABE et KUDO 1924).

Typus. Hokkaido. Prov. Siribesi: Kabuto-iwa, Osyoro (H. HARA, Jul. 22, 1941).

*A. Basikurumon* is the eastern-most representative of *A. venetum*-group. It differs from the plants of this group in Korea, Manchuria and China by having nearly glabrous ovaries, sparsely hairy pedicels and oblong calyx-lobes which are sparsely ciliolate.

I can not approve of WOODSON's opinion that *A. venetum* L. should be regarded as a separate genus, *Trachomitum*, from *Apocynum* which is represented by *A. cannabinum* L.

127) **Trigonotis Nakaii** HARA, sp. nov. (Sect. Radicantes).

?*Omphalodes sericea* (non MAXIM.) sensu PALIBIN, Consp. Fl. Korea. II, 15 (1900)—MORI, Enum. Pl. Corea. 297 (1922).

?*Eritrichium radicans* (non DC.) sensu PALIBIN, l. c. 16 (1900).

*Trigonotis radicans* (non GÜRKE nec MAXIM.) sensu KOMAROV, Fl. Mansh. III, 325 (1905) pro parte—NAKAI, Fl. Korea. II, 106 (1911) pro major. part.; Rep. Veg. Chiisan 43 (1915); in Bot. Mag. Tokyo XXXI, 217 (1917) pro major. part.; Rep. Veg. Diamond Mts. 183 (1918); Fl. Sylv. Korea. XIV, 18 (1923) pro major. part.—MORI, l. c. 298 (1922)—OHWI in Acta Phyto. et Geobot. VI, 116 (1937)—KITAGAWA, Lineam. Fl. Mansh. 373 (1939).

?*Omphalodes sericea* MAXIM. var. *koreana* BRAND in ENGLER, Pfl.-reich IV–252, Ht. 78, 105 (1921).

Perennis. Caulis ascendens 15–40 cm altus glabrescens pilis adpressis parcissime conspersus, post anthesin apice elongatus decumbens radicans atque ramos axillares elongatos emittens. Folia radicalia longe petiolata; petioli ad 8 cm longi glabrescentes basi dilatati; laminae late ovatae apice rotundatae vel obtusae breviter mucronulatae basi rotundato-cordatae utrinque pilis adpressis obtectae 1.5–5 cm longae 1–2.8 cm latae, aestate vel autumno saepe magnae; folia caulina inferiora radicalibus similia late ovata, ovata vel oblongo-ovata saepe acutiuscula, superiora sensim minora oblongo-ovata vel ovato-lanceolata acuta basi rotundata breviter petiolata. Inflorescentiae

foliatae laxae. Flores extra-axillares. Pedicelli erecto-patentes graciles ad 2 cm longi adpresse strigoso-pilosi. Calyces 5-fidi adpresse strigoso-pilosi; lobi oblongo-lanceolati acutiusculi 3–4 mm longi 1.2–1.5 mm lati. Corollae caerulescentes 8–13 mm in diametro; tubi 1.5–1.8 mm longi intus basi barbati; lobi patentes rotundato-obovati usque ad 5 mm longi 4.5 mm lati; fornices crassi trapeziformes apice leviter emarginati. Stamina 5, supra medio tubi inserta; filamenta brevissima; antherae oblongae ca. 0.8 mm longae. Stylus 1 mm longus glaber, stigmate capitato. Nuculae tetragonae stipitatae minute pilosae; facies superior triangulari-ovata apice acuminata ca. 2.5 mm longa.

Nom. Jap. *Tyôsen-kamebasô* (NAKAI 1917), *Ô-kamebasô* (NAKAI 1915).

Hab. Kyusyu. Prov. Higo: Kozyô-mura, Aso-gun (H. KÔZUMA, Mai. 29, 1927).

Korea. Prov. Keinan: mt. Tiisan (T. NAKAI, Jun. 30, 1913; T. MORI, Aug. 1912). Prov. Zennan: mt. Hakuyôzan (T. NAKAI, Mai. 3, 1913, fl.). Prov. Keiki: Hokukanzan (T. MORI, Mai. 16, 1910, fl.—typus; K. Jô, Mai. 5, 1912, fl.); Nanzan, Keizyô (K. Jô, Mai. 21, 1911, fl.; N. OKADA, Jun. 3, 1909, fl.; T. UCHIYAMA, Jul. 18, 1902); Kôryô (T. NAKAI, Apr. 26, ?, fl.). Prov. Kôgen: mt. Kongô (T. UCHIYAMA, Aug. 18, 1902); Uti-kongô (M. KOBAYASI, Aug. 2, 1932). Prov. Kôkai: Tyôzankan (T. NAKAI, no. 13395, Aug. 6, 1929). Prov. Heinan: Heizyô (T. UCHIYAMA, Sept. 12, 1902). Prov. Heihoku: Hakuhekizan (T. ISIDOYA, Jun. 25, 1912, fl.). Prov. Kannan: Unsenrei (T. NAKAI, no. 15657, Aug. 16, 1935, fr.).

Manshuria. Antô (M. KITAGAWA, Mai. 21, 1932, fl.); Kikaho (M. KITAGAWA, Jun. 8, 1932, fl.).

This species differs from *T. radicans* (TURCZ.) STEVEN by having adpressed hairs on all parts of the plant.

I have named this plant in honour of Prof. T. NAKAI who published the detailed revision of Japanese species of this genus in 1917.

*Omphalodes aquatica* BRAND (1915) was based on the same specimen from Korea, FAURIE no. 349, as the type of *Trigonotis sericea* OHWI (1936) which is identical with *T. radicans*. But the specimen, 'Soul (GOTTSCHE)', cited by BRAND at the same place may belong to *T. Nakaii* HARA.

128) **Trigonotis radicans** (TURCZ.) STEVEN in Bull. Soc. Nat. Moscou XXIV-1, 603 (1851).

*Myosotis radicans* TURCZANINOW in Bull. Soc. Nat. Moscou XI-1, 97 (1838) nom. nud.; XIII, 258 (1840).

*Eritrichium radicans* (TURCZ.) DC., Prodr. X, 128 (1846)—LEDEBOUR, Fl. Ross. III, 154 (1847)—TURCZANINOW, l. c. XXIII-1, 516 (1850)—TRAUTVETTER et MEYER, Fl. Ochot. 70 (1856)—MAXIMOWICZ, Prim. Fl. Amur. 203 (1859)—REGEL, Tent. Fl. Ussur. 107, t. IX, f. 4-8 (1861)—MAXIMOWICZ in Bull. Acad. Sc. St.-Pétersb. XVII, 448 (1872)—HERDER in Ac. Hort. Petrop. I, 544 (1873).

*Trigonotis radicans* (DC.) MAXIMOWICZ in Mél. Biol. XI, 273 in nota (1881); in Bull. Acad. Sc. St.-Pétersb. XXVII, 506 in nota (1882)—NAKAI, Fl. Korea. II, 106 (1911) pro minor. part.

*Trigonotis radicans* DC. ex GÜRKE in ENGLER, Pfl.-fam. IV-3a, 121 (1897) —KOMAROV, Fl. Mansh. III, 325 (1905) pro parte.

*Omphalodes aquatica* BRAND in FEDDE, Rep. Sp. Nov. XIII, 545 (1915); in ENGLER, Pfl.-reich IV-252, Ht. 78, 110 (1921).

*Trigonotis sericea* OHWI in Journ. Jap. Bot. XII, 328 (1936); in Acta Phyt. et Geobot. VI, 117 (1937)—KITAGAWA, Lineam. Fl. Mansh. 373 (1939).

Nom. Jap. *Ke-rurisô* (YABE, 1912); *Hai-kamebasô* (YABE, 1912, pro syn.); *Tairin-kamebasô* (OHWI 1936).

Specim. Exam. E. Dahuria: ad fl. Argun (TURCZANINOW in Gray Herb.); Amur (MAXIMOWICZ in Gray Herb.); Primorskaja: prope urb. Wladiwostok (Herb. Fl. Ross. no. 2362 in Gray Herb.).

Korea. Prov. Kannan: Tinganhô (T. NAKAI, Jun. 11, 1909).

Dist. E. Dahuria, Amur, Ussuri, Ochotsk, Manshuria, Korea et Kyusyu.

var. **sericea** (MAXIM.) HARA, comb. nov.

*Omphalodes sericea* MAXIMOWICZ in Bull. Acad. Sc. St.-Pétersb. XVII, 453 (1872)—FRANCHET et SAVATIER, Enum. Pl. Jap. I, 337 (1875)—MATSUMURA, Ind. Pl. Jap. II-2, 527 (1912)—BRAND, l. c. 104 (1921).

*Trigonotis sericea* (MAXIM.) JOHNSTON in Journ. Arnold Arbor. XVIII, 25 (1937).

Nom. Jap. *Kinuge-kamebasô* (nom. nov.).

Hab. Kyusyu. Prov. Bungo: Kundsho-san (MAXIMOWICZ, Iter sec. 1863, fl.—isotypus in Gray Herb.). Prov. Higo: Koikeno, Namino-mura, Aso-gun (Z. TASIRO, Aug. 12, 1926, no. 39172, 39173 & 51705 in Mus. Sci. Tokyo).

129) **Symplocarpus foetidus** (L.) NUTTALL, Gen. N. Amer. Pl. I, 106 (1818) (ut *foetida*)—HOOKER in Bot. Mag. t. 3224 (1833)—KUNTH, Enum. Pl. III, 84 (1841)—SCHOTT, Gen. Aroid. t. 90 (1858); Prodr. Aroid. 420 (1860)—ENGLER in DC., Monogr. Phan. II, 212 (1879)—KRAUSE in ENGLER. Pfl.-reich IV–23 B, 151, f. 2 (1908)—MARIE-VICTORIN in Contr. Lab. Bot. Univ. Montréal No. 19, 31, f. 10–12, 14–19 (1931), Fl. Laurent. 844, f. 321 (1935).

*Dracontium foetidum* L., Sp. Pl. ed. 1, 967 (1753).

*Pothos foetidus* (L.) MICHAUX, Fl. Bor.-Amer. II, 186 (1803).

*Spathyema foetida* (L.) RAFINESQUE, Med. Rep. Hex. 2, V, 352 (1808)—BRITTON & BROWN, Ill. Fl. U. S. & Canad. I, 363, f. 881 (1896); ed., 2, 445, f. 1117 (1913)—HOUSE, Wild Fl. N. Y. I, 41, pl. 5 (1923).

*Pothos Putorii* BARTON, Fl. Virg. 60 (1812).

*Ictodes foetidus* (L.) BIGELOW, Amer. Med. Bot. II, 41, t. 24 (1818).

var. **latissimus** (MAKINO) HARA, var. nov.

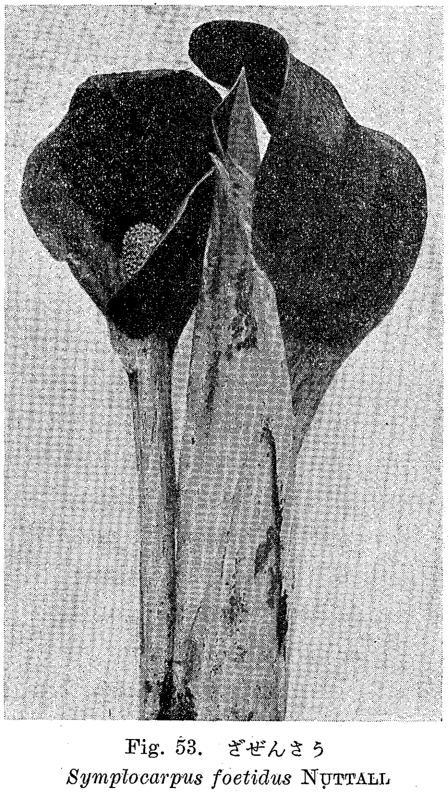


Fig. 53. ざぜんさう
*Symplocarpus foetidus* NUTTALL var. *latissimus* HARA.

*Symplocarpus foetidus* (non SALISBURY) sensu MAXIMOWICZ, Prim. Fl. Amur. 266 (1859)—MIQUEL, Ann. Mus. Bot. Lugd.-Bat. II, 202 (1866)—FR. SCHMIDT, Reis. Amur.

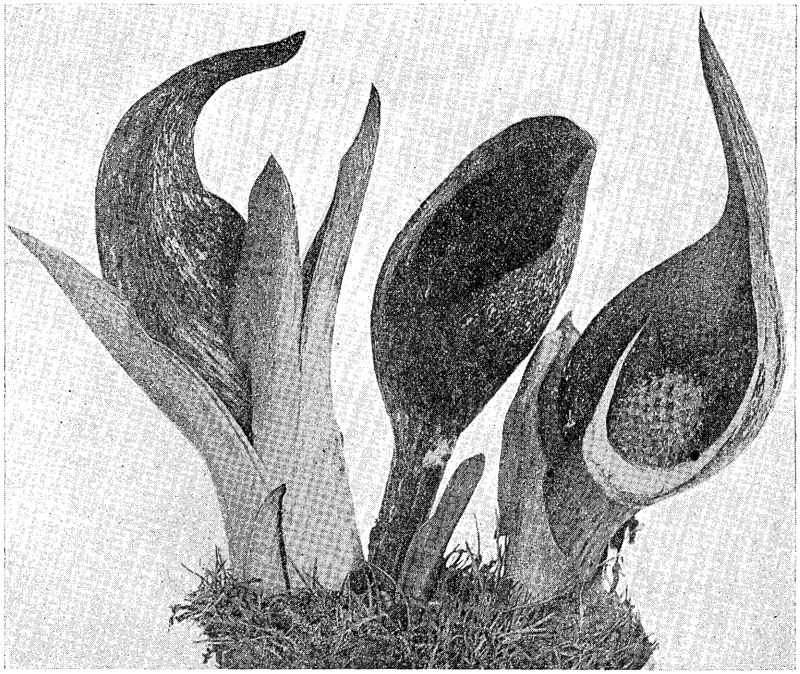


Fig. 54. あめりかざぜんさう、右端ノ花ハ佛焰苞ノ一部ヲ切リ去リ、肉穗花序ヲ示シタモノ
*Symplocarpus foetidus* (L.) NUTTALL
(HOUSE, Wild Fl. N. Y. I, pl. 5 ニヨル).

u. Sachal. 178 (1868)—FRANCHET et SAVATIER, Enum. Pl. Jap. II, 9 (1876)—ENGLER, l. c. (1879) quoad pl. asia.—KOMAROV, Fl. Mansh. I, 413 (1901); III, 810 (1907)—MATSUMURA, Ind. Pl. Jap. II-1, 173 (1905)—KRAUSE, l. c. (1908) quoad pl. asia.—KOIDZUMI in Journ. Coll. Sc. Imp. Univ. Tokyo XXVII, Art. 13, 30 (1910)—MIYABE et MIYAKE, Fl. Saghal. 502 (1915)—KUDO, Rep. Veg. N. Saghal. 77 (1924)—SEKIMOTO in Journ. Jap. Bot. VI, (322)-(328) (1929) cum phot.—KOMAROV et KLOB.-ALISOVA, Key Pl. Far East. Reg. USSR. I, 330, t. 100. 2 & 101. 1 (1931)—MIYABE et KUDO, Fl. Hokk. & Saghal. III, 280 (1932)—TERAZAKI, Nippon-syokubutu-zuhu fig. 421, 422 (1933)—KUSENEVA in Fl. URSS. III, 481, t. 26. 2 (1935)—HARA in Bot. Mag. Tokyo LII, 399 (1938).

*Symplocarpus renifolius* SCHOTT ex MIQUEL, l. c. (1866) in nota, nom.

provisor.

*Spathyema foetida* f. *latissima* MAKINO in Zissai-engei XXVI–6, 574 (1940) in jap.; Ill. Fl. Nippon 778, f. 2334 (1940) in jap.

*Symplocarpus foetidus* f. *latissima* MAKINO, ll. cc. (1940) pro syn.

Spathae sub anthesi late apertae leviter convolutae ad apicem sensim attenuatae apice inflexae. Folia rotundato-cordata—cordata basi profunde cordata. Planta minus foetida.

Nom. Jap. *Zazensô*.

Typus. Honsyu. Prov. Simotuke: Iwasaki, Otiai-mura (H. HARA, Mar. 30, 1941).

Dist. Honsyu, Hokkaido, S. Kuriles, Sachalin, Korea, Ussuri et Amur.

During the spring of 1939 and 1940 I had opportunities for observing the 'Skunk Cabbage' in the field in Massachusetts, U.S.A., and I secured a range of specimens preserved in alcohol as well as in the dried state. This spring I have collected the corresponding plant in Simotuke Province of Honsyu, and a careful comparison with my American materials convinces me that the two races agree perfectly in such floral characters as spadix, perianths, stamens and pistils, and that they therefore belong to the same species. Among the differences which I have noted in the Japanese plant are a more open spathe tapering gradually towards the apex and less inrolled at the margin, broad leaves deeply cordate at the base, and a less pronounced fetid odour.

Taking into consideration the extensive and interrupted geographical distribution, I conclude that the Asiatic plant should properly be treated as a variety of the American.

The Japanese plant is especially variable in the size and colour of the inflorescence, the peduncles being 7 to 20 cm long, and the spathe 8 to 20 cm long, 5 to 12 cm in diameter, in colour blackish-red-purple (f. *purpureospatha* MAKINO), or light yellow with dark purple spots (f. *maculatospatha* MAKINO), or rarely pale green without any purple markings (f. *viridispatha* MAKINO).

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124) **みやませんきう** 日本ノ植物ニ *Conioselinum univittatum* TURCZ. ノ學名ヲ最初ニ用ヒタノハ MAXIMOWICZ (1873) 氏デアル。併シ彼ハコノ時 *C. univittatum* ガ日

本北部ニ屢ミアリ、箱根ニ迄分布シテヰルト述ベタダケデ、みやませんきうヲ指シタカドウカ頗ル疑問デアル。殊ニみやませんきうハ箱根ニハ産シナイシ、又 MAXIMOWICZ 氏自身函館デ採集シタからふとにんじんノ標本ニモ *C. univittatum* ト手書シテヰルカラ、少クトモ數種ノ混合デアル。ソレガ矢部博士ノ Rev. Umbel. Jap. 以後みやませんきうニ *C. univittatum* ノ學名ガ當テラレ今日ニ及ンデヰル。*C. univittatum* TURCZ. ノ學名ニ最初ニ記載ガツケラレタノハ Bulletin de la Société Impériale des naturalistes de Moscou XVII, 735 (1844) デバイカル地方ノ植物ニ基イテヰル。TURCZANINOW 氏ヤ LEDEBOUR 氏ハ果實ノ油管ノ數以外ハ歐洲ノ *C. Gmelini* (BRAY) STEUD. (*C. Fischeri* WIMM. et GRAB.) ト大差ナイ事ヲ認メテヰルガ、みやませんきうハ *C. Gmelini* ヨリ葉羽片ノ先端ガ長ク尖リ花柱基ハ著シク隆起シ果實ノ側翼ハ背面ノ翼ヨリ遙カニ幅廣ク葉ノ切レ方モアライノガ普通デアル。又みやませんきうノ類似品ハ朝鮮、滿洲、沿海州、樺太等ニ産セズ、ソノ分布區域ハ全ク孤立シテヰテ、バイカル産ト同一トハ考ヘラレナイノデ、ココニ新種トシテ *C. nipponicum* HARA ト命名スル。千島(ウルップ、擇捉島)、北海道(利尻島、禮文島、北見、釧路、十勝、石狩、日高、膽振、後志)、本州北中部ノ山地ニ産シ、葉形ハ變化シ小羽片ノ疎密、終裂片ノ缺刻ノ深淺等ニヨリ可成リ異ツテ見エル形ガアル。樺太、千島、北海道、本州北部ノ海岸ニ生ズル同屬ノからふとにんじん (*C. kamtschaticum* RUPR.) ハ本種ニ比シ、丈低ク强壯、葉質稍厚ク、葉羽片先端ハ短カク尖リ、繖梗太ク、子房ハ大、果實モ細長ク背面ノ翼ノ發達ガヨイ、又北米ノ *C. Benthami* (WATS.) FERNALD モからふとにんじんニ近イモノデみやませんきうトハ異ナル。

125) **かはしまとざくら** シベリヤ東部、アラスカノ寒地ニ産スル *Primula borealis* DUBY ニ近イガ、葉形ヲ異ニシ、葉緣ノ鋸齒モ顯著デアリ、小苞ヤ萼ノ基部ガ囊狀ニ膨ラム事ハ少ナイ。又北米ノ *P. mistassinica* MICHAUX ニモ似テヰルガ、葉緣ノ鋸齒著シク、蒴果ガ短カイ點デ區別サレルノデ、新種トシテ *P. Kawasimae* HARA ノ學名ヲ與ヘル。

126) **ばしくるもん** (おしよろさう)。歐亜大陸ニ分布スル *Apocynum venetum* 分布ノ最東端ニアル形デアル。朝鮮、滿洲、支那産ノモノハばしくるもんト異ナリ、子房ニ密毛ガアリ、小花梗ニモ毛多ク、萼裂片ハ概ネ短カク卵形、小緣毛ヲ有スル。ばしくるもんハ常ニ海岸ニ産シ、北海道デハ今迄ニ後志、忍路(オショロ)、石狩、濱增毛(マシケ)及ビ奥尻島ニ知ラレ、本州越後彌彥山麓ノモノハ未ダ花ノアル標本ヲ見ナイノデ確カデナイ。又 MIQUEL 氏ヤ FRANCHET, SAVATIER 兩氏ガ引用シタ伊藤圭介翁ノ標本モ本種カ否カ明カデナイ。

127–28) **てうせんかめばさう・けるりさう** (たいりんかめばさう)。てうせんかめばさうハ今迄 *Trigonotis radicans* TURCZ. トシテ知ラレ、コレニ極メテ近緣デ莖中部以下、葉柄ノ毛ハ開出又ハ反捲スルモノガ近年 *T. sericea* OHWI ト名付ケラレタ。MAXI-

MOWICZ 氏ガコノ類ヲ検討シタ際 *T. radicans* ノ記載ニ 'adpresse pubescens' ト書キ、又てうせんかめばさうガ朝鮮、滿洲デハ普通ナノデカク考ヘラレタノハ當然デアツタ。而ルニ私ガ Gray Herbarium デ TURCZANINOW 氏ヤ MAXIMOWICZ 氏採集ノ *T. radicans* ノ標本ヲ見ルト、意外ニモ莖中部以下葉柄ニ立毛ヲ有シ、*T. sericea* OHWI ニ一致スルノヲ知ツタ。REGEL 氏モ Tentamen Florae Ussuriensis t. IX, f. 4–8 デ矢張リ立毛ノアル形ヲ圖解シテキル。即チ *T. radicans* TURCZ. ハアムールヲ中心トシテダフリヤ東部、ウスリーニ分布シ、滿洲朝鮮ニハ稀ニ見出サレル植物デアリ和名ハけるりさうガ古イ。一方全體ニ平伏毛ノミヲ有シ、朝鮮滿洲ニ多ク九州ニモ稀ニ產スルてうせんかめばさうハ反ツテ未記載ノ植物デアリ、*T. Nakaii* HARA ト命名スル。又 MAXIMOWICZ 氏ガ九州豐後九重山デ自ラ採集シタ *Omphalodes sericea* MAXIM. ナルモノハ JOHNSTON 氏ノ指摘シタ如ク *Trigonotis* デアリ、*T. radicans* ニ似テ全體更ニ毛ノ多イ形デアルノデソノ多毛變種トスルノガ妥當デアルト思フ。尙 *Omphalodes aquatica* BRAND (1915) ハ *T. sericea* OHWI (1936) ト同一番號ノ標本ニ基イタモノデけるりさうデアルガ、BRAND 氏ガ同處ニ引用シテキル京城產ノ標本ハてうせんかめばさうデアラウ。てうせんたびらこハ花序ニ苞葉少ク、花ガ小形デアルガ、てうせんかめばさうトノ關係ハ更ニ材料ヲ集メテ研究スル必要ガアルト思フ。

129) **ざぜんさう** 最近牧野先生ハざぜんさうハ外國ノモノト異ナリ葉ガ廣濶デアルトイフ理由デソノ一品種ト見做サレタ。東亞ト北米東部トイフ二ツノ遠ク離レタ分布區域ヲモツ植物ガ全ク同一カ否カハ私モ渡米前カラ特ニ注意シテキタ問題ノ一デアツタ。昭和十四年及ビ十五年ニ私ハ米國東部ノ原野ヤ林中デ春ノ魁トシテ怪奇ナ花ヲ地上ニ擡ゲル本種ヲ充分觀察スル機會ニ惠マレ、多クノ標本モ採集シタ。今春ハ下野文挾(フバサミ)附近デ關本平八氏ノ御案內デ我ガざぜんさうヲ現地デ調ベ、米國產ト精細ニ比較スル事ガデキタ。ソノ結果肉穗花序、花被、雌雄蕋等ノ性質デハ兩者ガ驚ク程ヨク一致シ、種類ヲ分ツ事ガ不可能ナノヲ知ツタ。又葉ノ形ハ變化シ、米國產ト全ク同一形ノモノモアツテ、コレダケデハ區別點トナラナイ。唯佛焰苞ガざぜんさうデハ幅廣ク開口シ緣邊僅カニ內卷スルノミデアルガ、米國產デハ緣ガ著シク內ヘ卷キ込ミ外カラハ肉穗花序ガ見エナイ(第 53, 54 圖參照)。コノ特徵ハ安定シテキルト思ハレタガ、尙念ノタメざぜんさうノ花ノ寫眞ヲ Gray Herbarium ノ FERNALD 教授ニ送リ意見ヲ求メタ處、カクノ如キ形ノ苞ヲ有スルモノハ米國デハ見ラレズ自分モ地方的變種トシテ區別スル事ニ贊成スルトノ返事ヲ得タ。本種ハ米國デハスカンク、キヤベッジト呼バレ惡臭ノ代表デアルスカンクノ名ヲ冠シテ人ニ嫌ハレ、私モ本種ヲ採集シテ自動車內ニ持チ込ミ臭クテ居タタマラナカツタ苦イ經驗ヲ持ツテキルガ、ざぜんさうハソレ程臭ガ強クナイ樣ニ感ジラレル。以上ノ事實ヨリざぜんさうノ學名ヲ *Symplocarpus foetidus* (L.) NUTTALL var. *latissimus* HARA ト定メル。

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